

TITLE: ELECTRONIC MEASURING DEVICE FOR DETECTING A PROCESS VARIABLE, IN PARTICULAR A RADAR
OR ULTRASONIC FILLING LEVEL MEASURING DEVICE, AND A METHOD FOR OPERATING
A MEASURING DEVICE OF THIS TYPE
INVENTORS NAME: Winfried Rauer et al.
SERIAL NO.: 09/998,000

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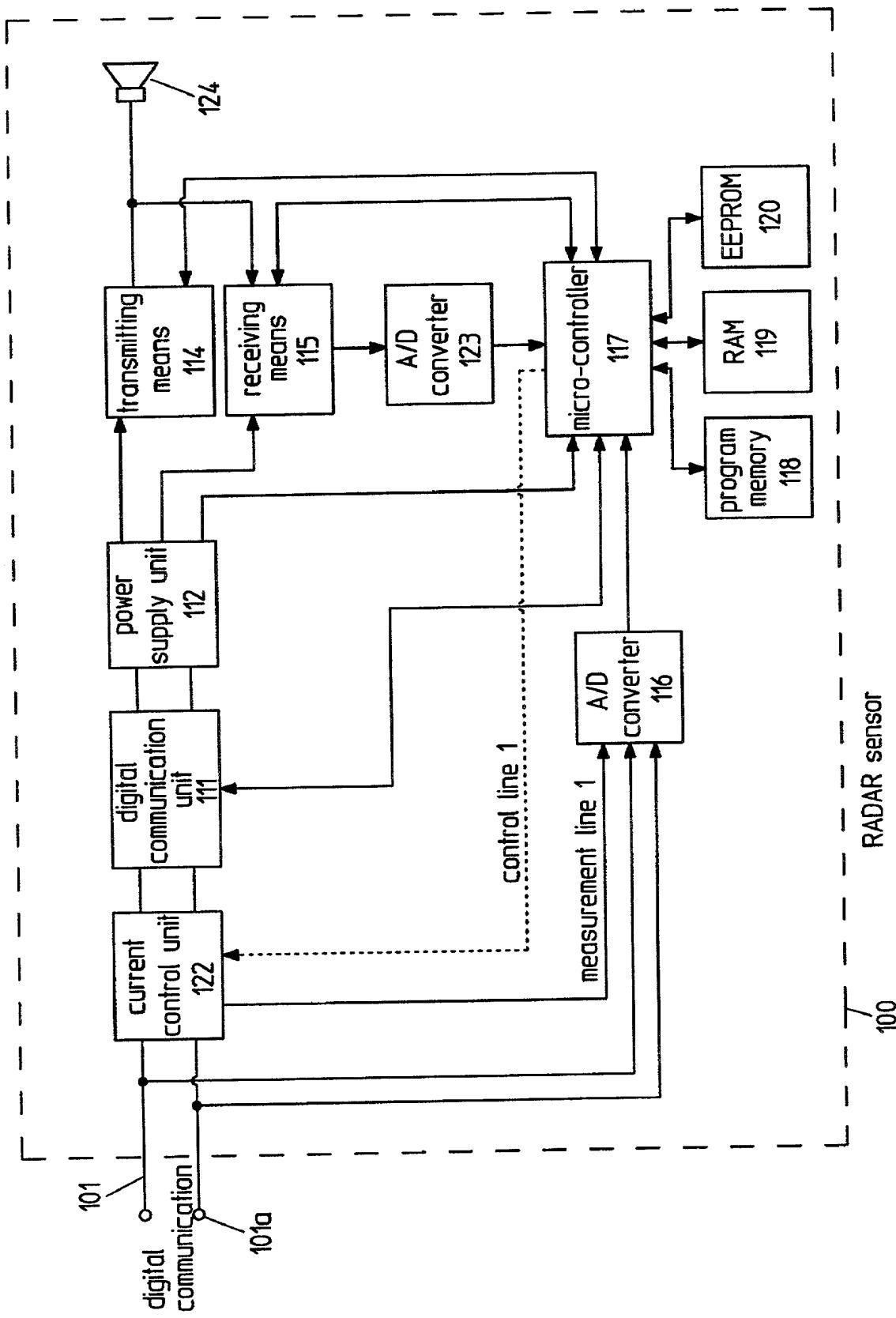


FIG. 1

TITLE: ELECTRONIC MEASURING DEVICE FOR DETECTING A PROCESS VARIABLE, IN PARTICULAR A RADAR
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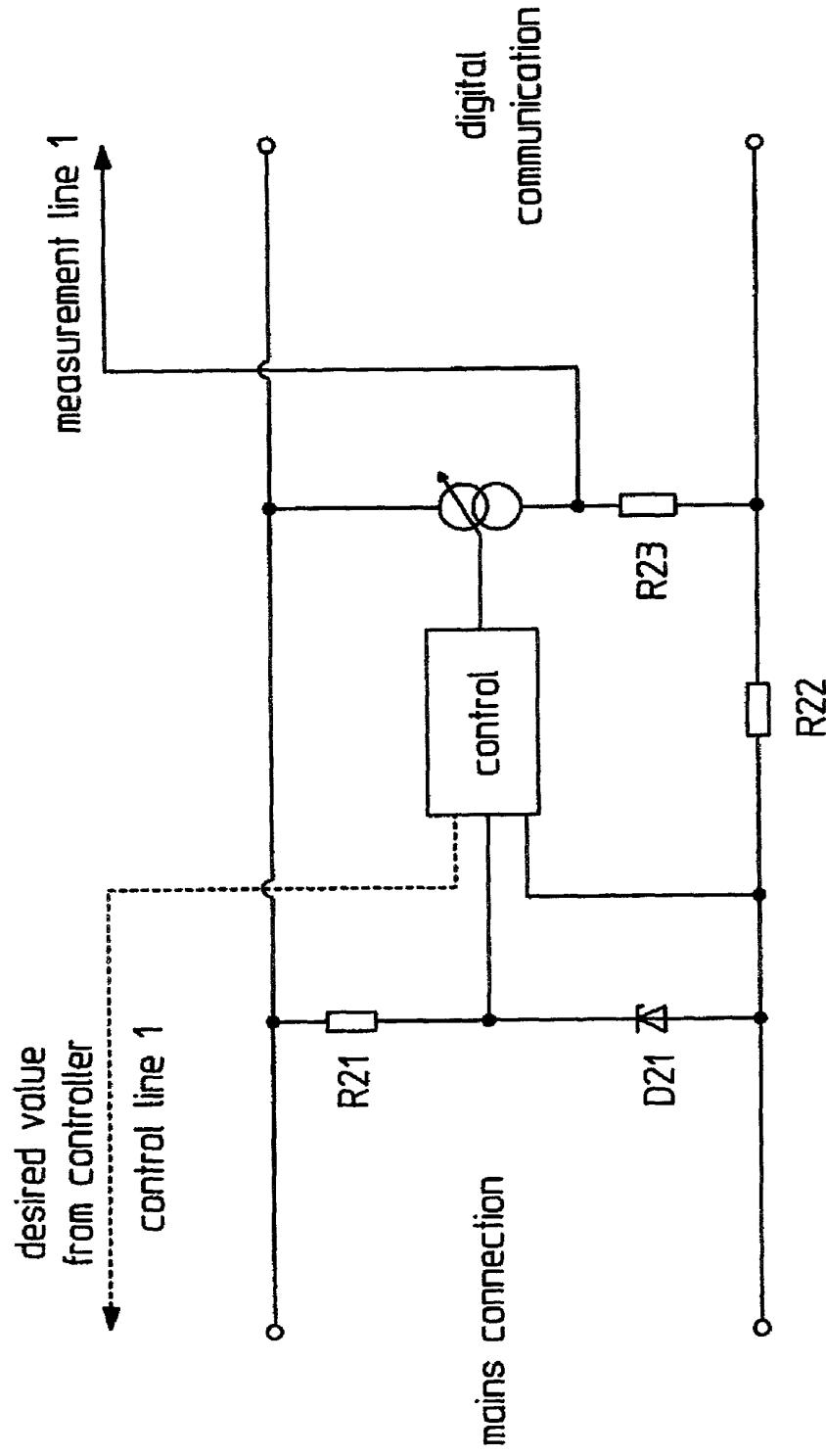


FIG. 2

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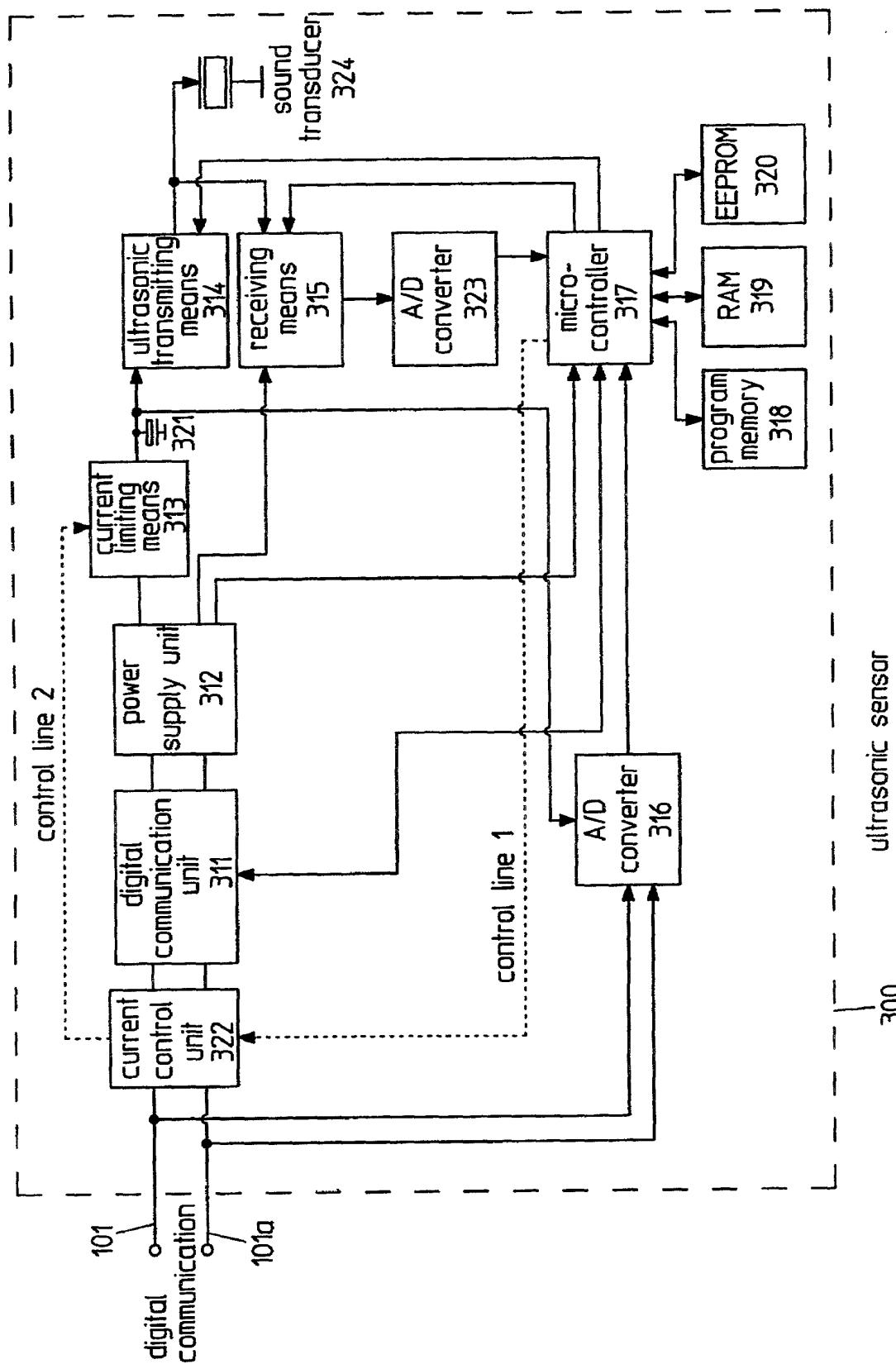


FIG. 3

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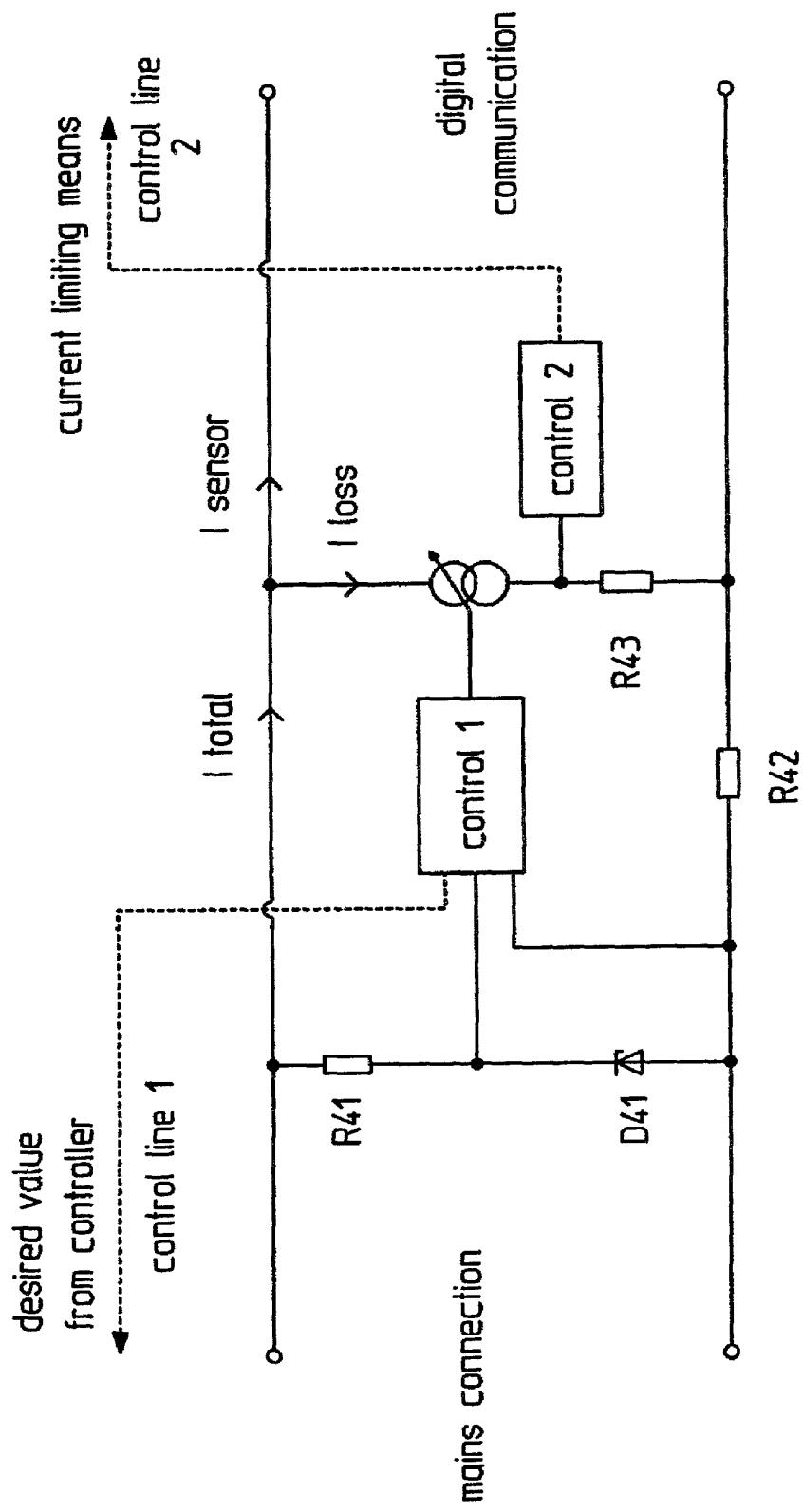


FIG. 4

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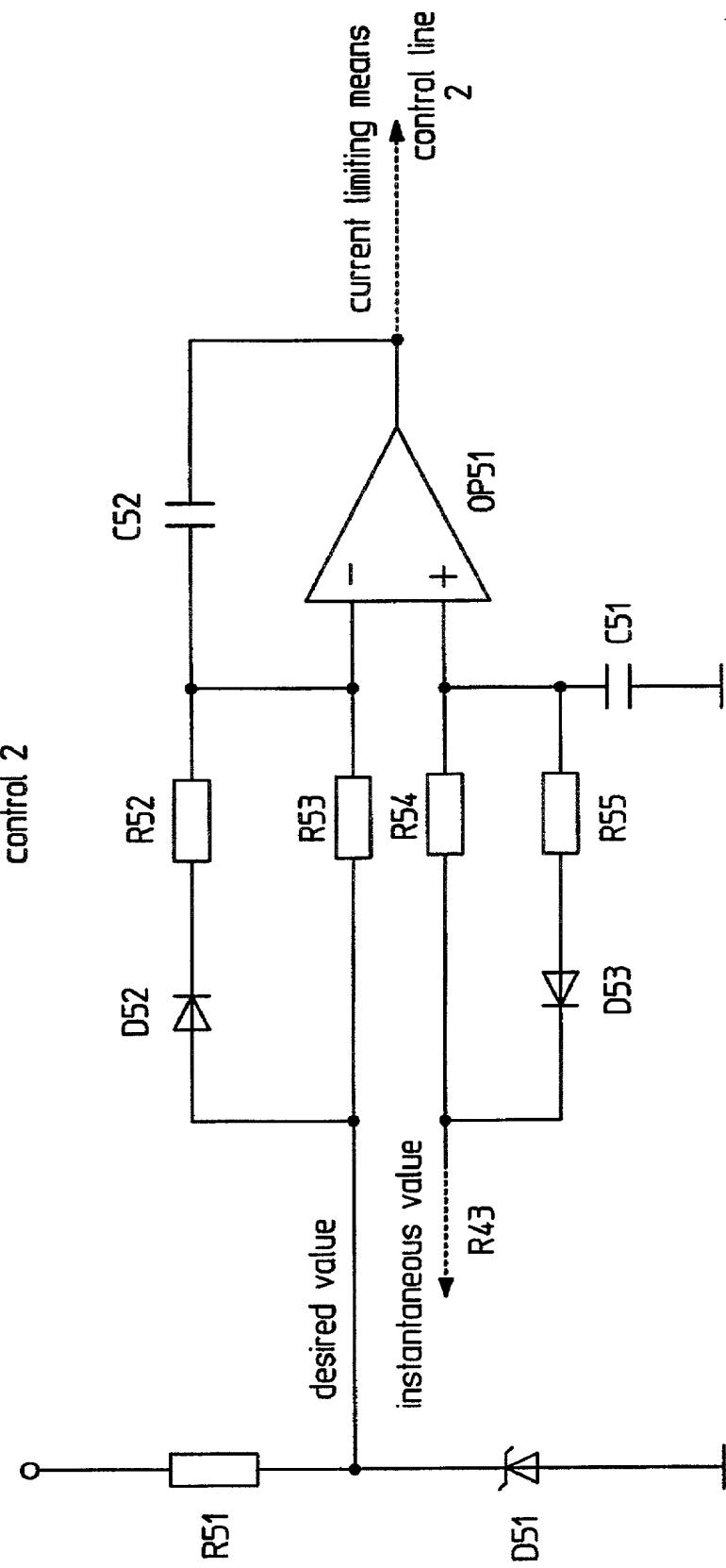


FIG. 5

current development in the shunt arm of the current control unit (loss current)

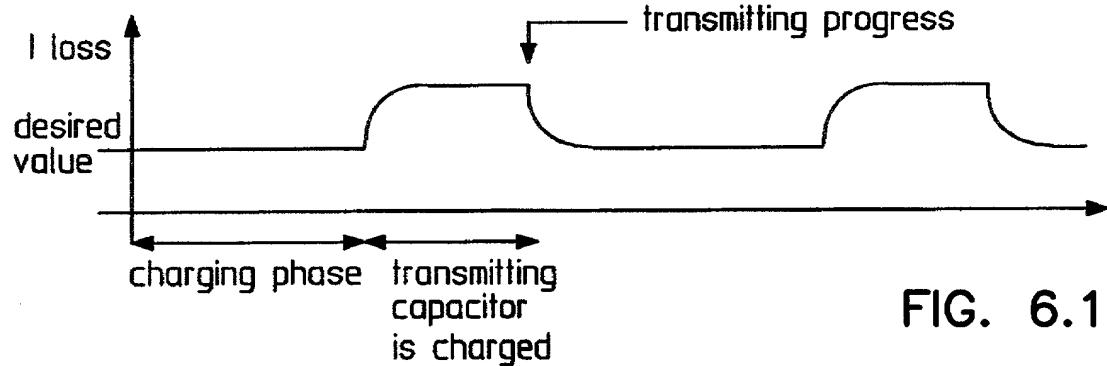


FIG. 6.1

voltage development at the transmitting capacitor

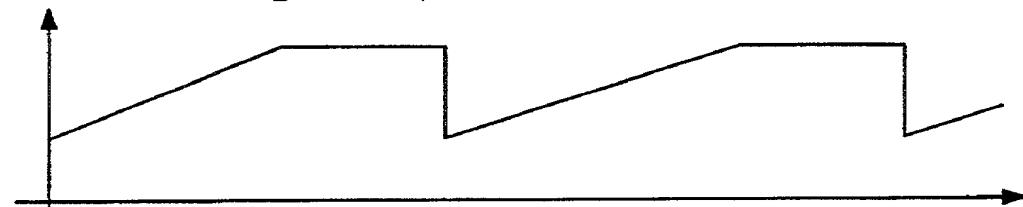


FIG. 6.2

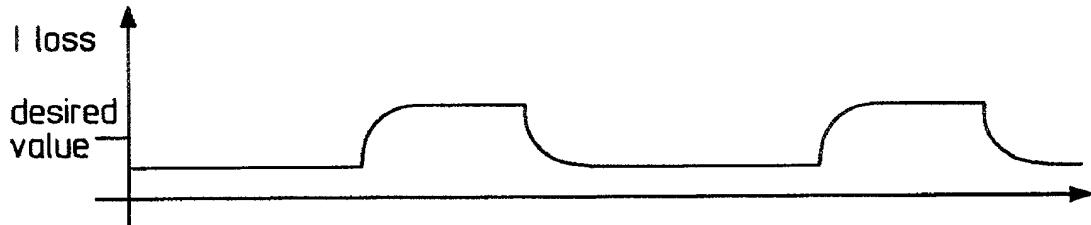


FIG. 6.3

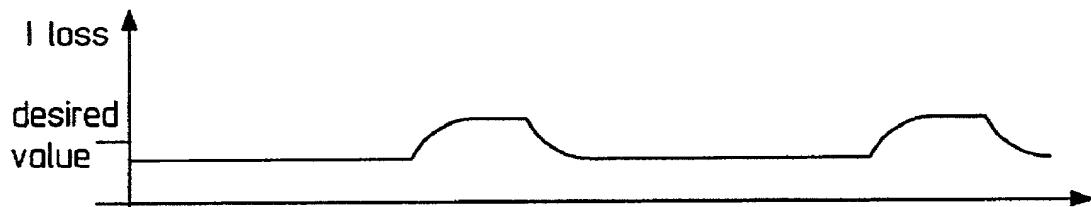


FIG. 6.4

voltage development at the transmitting capacitor

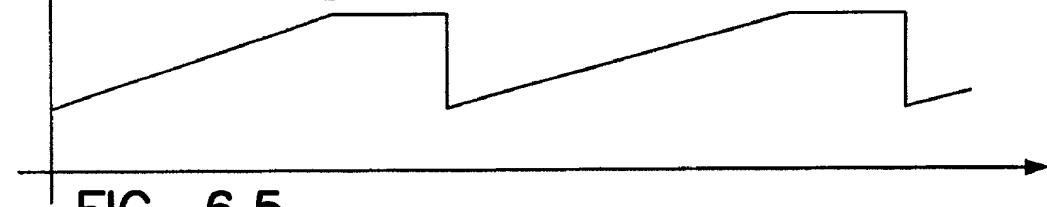
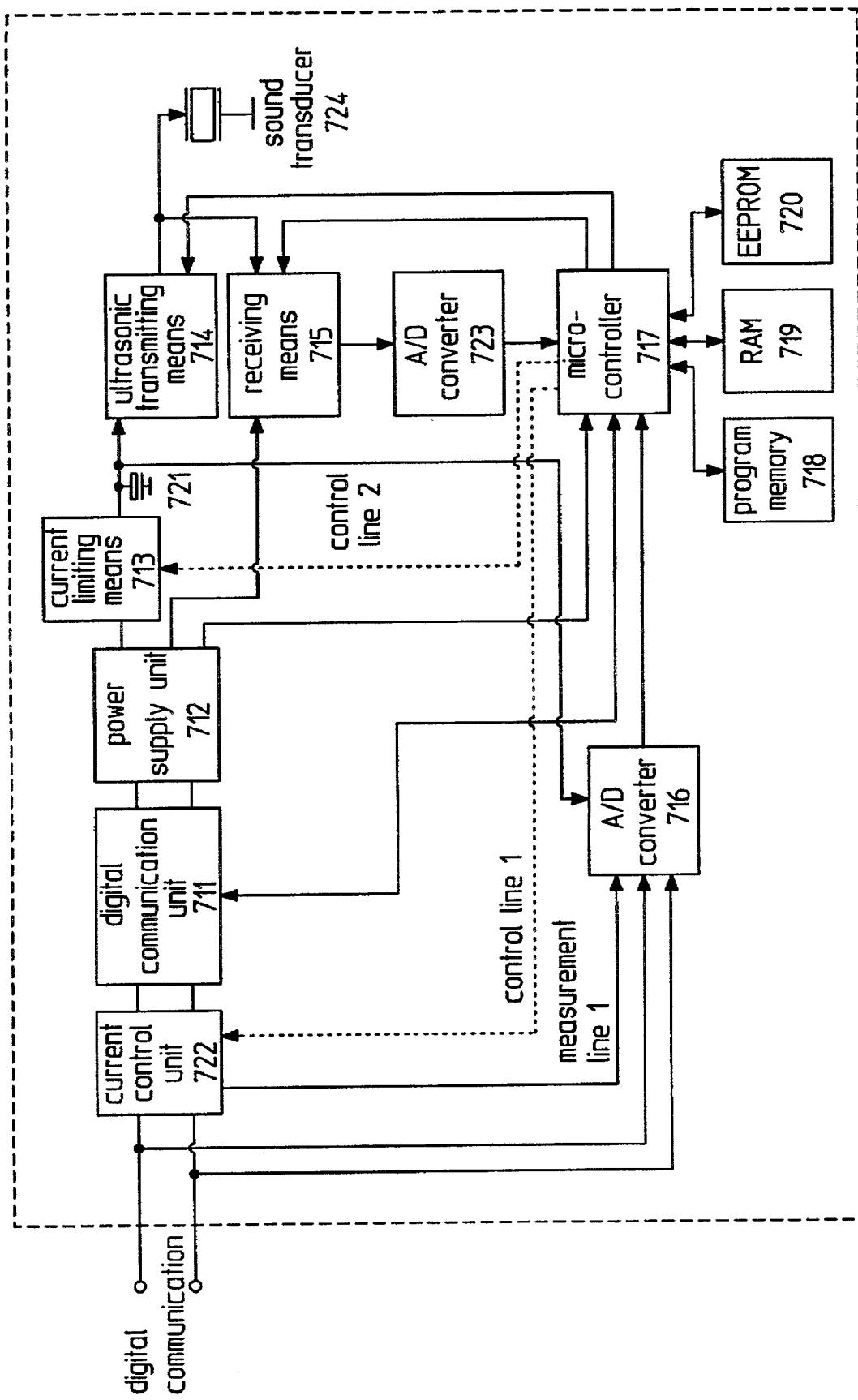


FIG. 6.5

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ultrasonic sensor

FIG. 7

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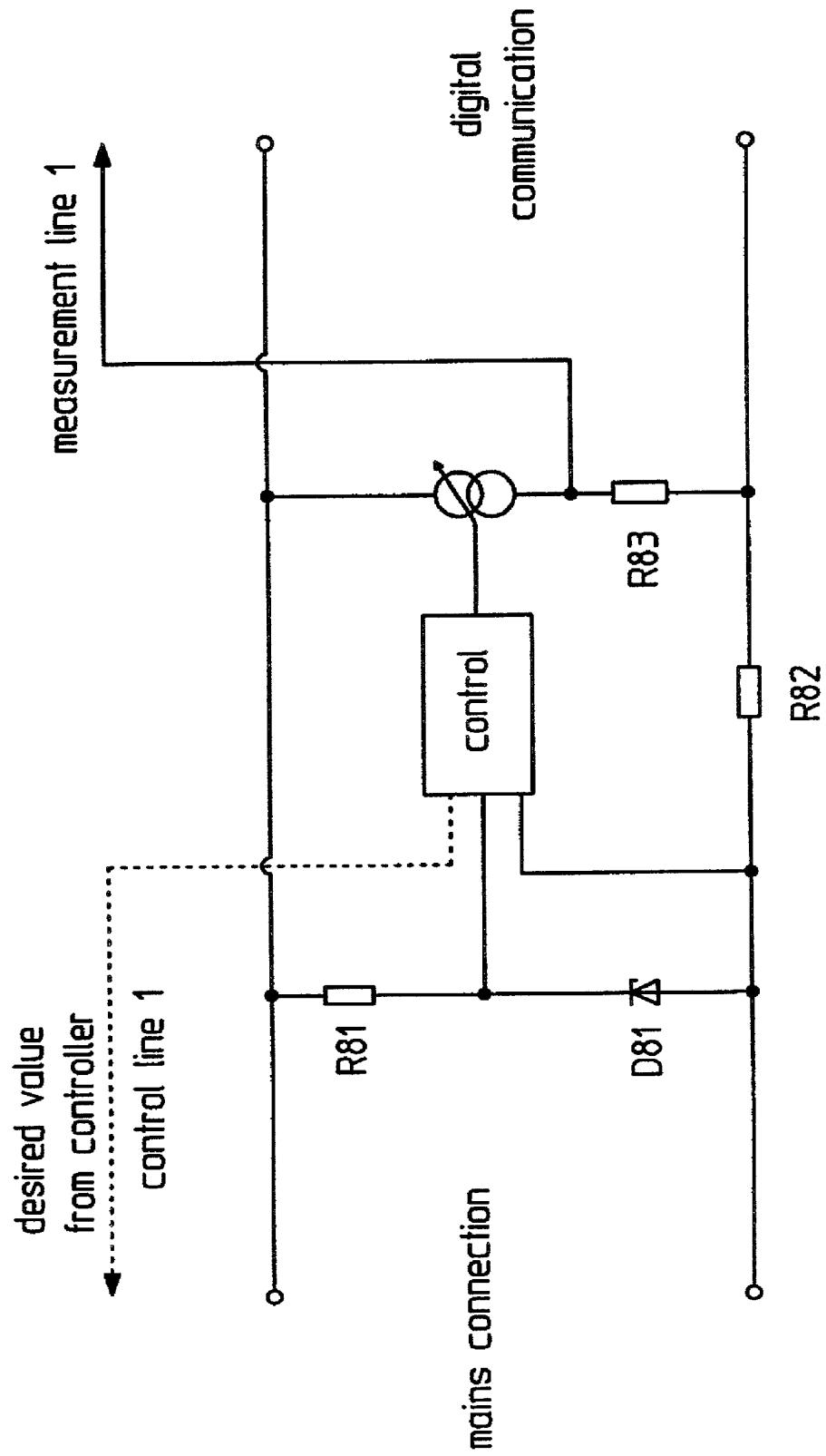


FIG. 8

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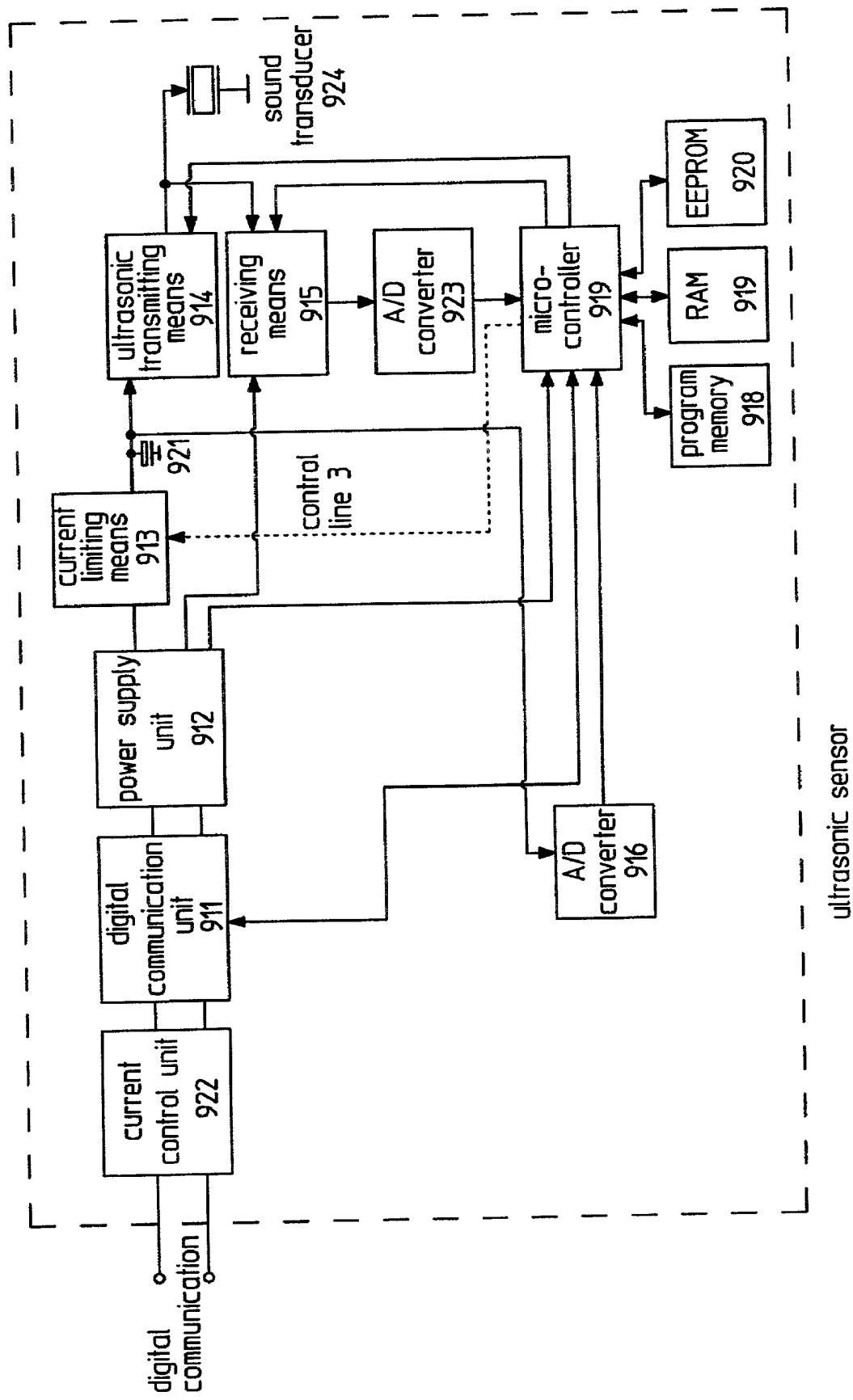


FIG. 9

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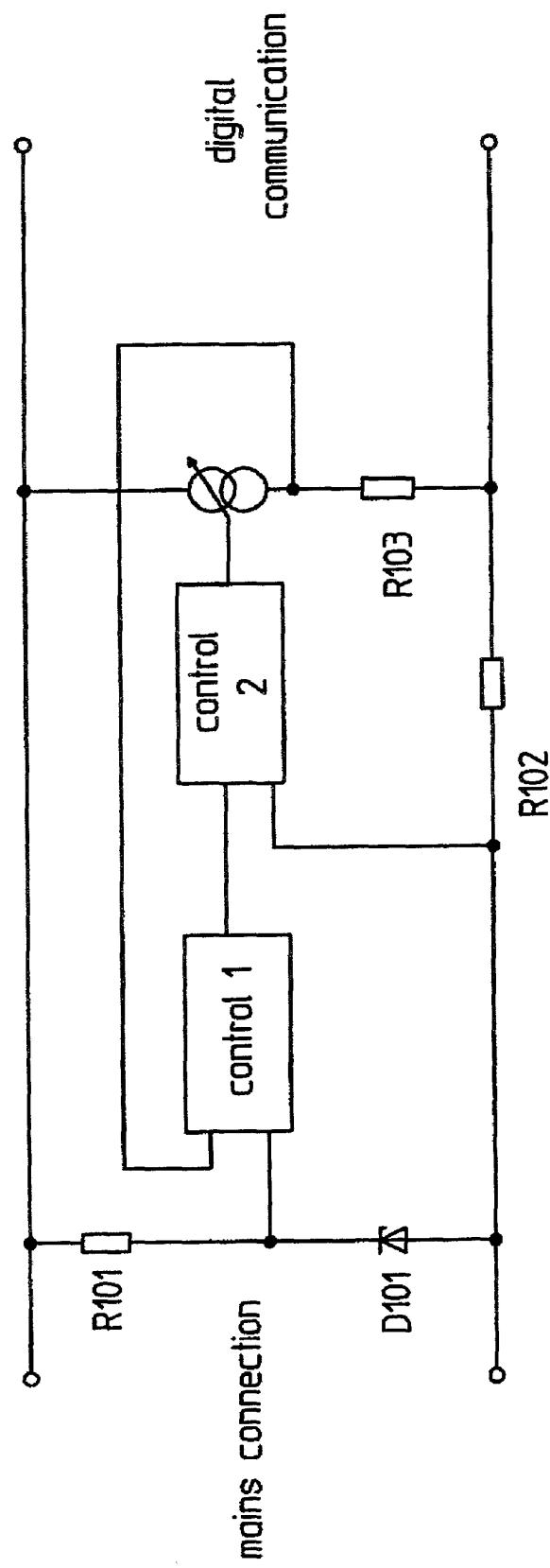


FIG. 10